

AIRFLOW DISTRIBUTION CONTROL SYSTEM FOR USAGE IN A RAISED-FLOOR DATA CENTER

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ABSTRACT

An airflow distribution control system for usage in a raised-floor data center comprises an under-floor partition with a controllable flow resistance and a sensor. The partition is capable of selective positioning in a plenum beneath the raised-floor. The sensor is communicatively coupled to the partition and detects a parameter indicative of airflow distribution and controls the flow resistance based on the parameter.